

# Creating SMP Implementation Guidance for Soft Shoreline Stabilization

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# NOAA Coastal Management Fellowship Program

- NOAA Coastal Services Center
- State Coastal Zone Management Programs
- 2 year program
- **Purpose:**  
Soft Shoreline  
Stabilization Guidance



Ala Spit, Whidbey Island, WA

# "Soft" Shoreline Stabilization

**Green  
Shorelines**



**Alternative  
Shoreline  
Stabilization**

**Living  
Shorelines**

**Bioengineered  
Shorelines**

**Environmentally  
Friendly Shorelines**

# Soft Shorelines Needs Assessment

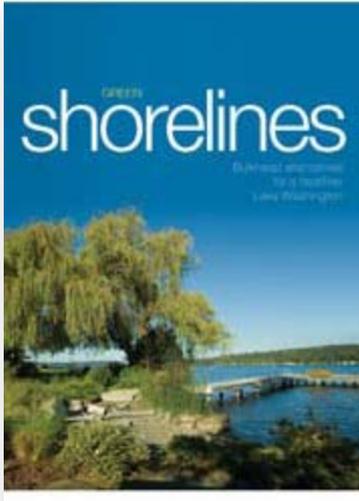
## **Stakeholders**

- Local Government
- State Government
- Federal Government
- Tribes
- Public
- Shoreline Property Owners
- Consultants/Contractors
- Elected Officials
- NGO's

## **Issues**

- What qualifies as Soft?
- How to implement through SMPs?
- Lack of Design Standards
- Do they work?
- Not the Normal Solution
- Permit Complexity
- Etc...

# Soft Shorelines Puzzle



Green Shorelines  
Steering Committee

Shoreline Owner  
Surveys/Outreach

Green Shores for  
Homes: Incentives

Public  
Demonstration  
Projects

WDFW Marine  
Shorelines Design  
Guidance

# Soft Shorelines Needs Assessment

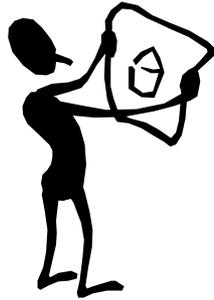
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## Issues

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# Guidance Audience: Local Planners and Permit Staff



## Main Output: SMP Implementation Guidance for Soft Shorelines

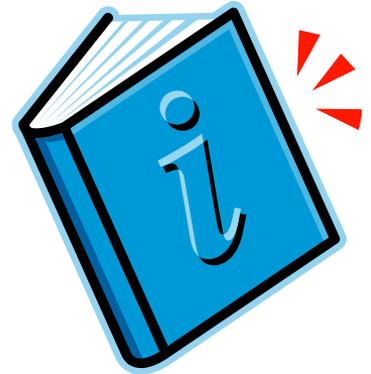
Focus: Puget Sound Shorelines and Single Family Residences

## 3 Main Sections:

1. **Soft Shoreline Stabilization Concept Explanation**
2. **Planning for Soft Shoreline Stabilization**
3. **Permitting Soft Shoreline Stabilization**

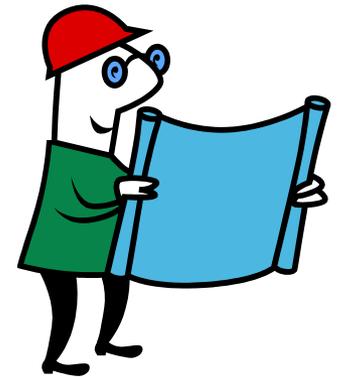
# #1: Soft Shoreline Stabilization Concept

- **Intent of Soft Shoreline Stabilization**
- **Shoreline Stabilization Continuum**
- **What is NOT Soft Shoreline Stabilization**
- **Attributes of Soft Shoreline Stabilization Projects**



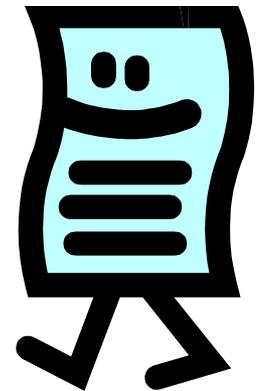
## #2: Planning for Soft Shoreline Stabilization

- **No Net Loss and SMA Consistency**
- **Utilizing Shoreline Inventory and Characterization Reports**
- **Utilizing Environmental Designations**
- **Setting Criteria**



# #3: Permitting Soft Shoreline Stabilization

- **SMP Shoreline Modification Principles**
- **Demonstration of Need**
- **Evaluating Soft Shorelines**
- **New vs Replacement Stabilization**





# How will YOU benefit?

- **Increased understanding of Soft Shoreline Stabilization Management**
- **Tools for 'No Net Loss' and SMA Consistency**
- **Example Strategies for Planning and Permitting Soft Shorelines**
- **Soft Shoreline Resources**

# Project Timeline:

Task	Completion Date
1 <sup>st</sup> Soft Shorelines Guidance Draft	Spring 2013
<b>Soft Shorelines Draft for Planner Review</b>	<b>October 2013</b>
Final Draft	Winter 2013/2014
<b>Completed Guidance Product</b>	<b>Spring 2014</b>
Fellowship End	July 31 <sup>st</sup> , 2014

# Questions?

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